BY ORDER OF THE COMMANDER
AIR FORCE MATERIEL COMMAND

AFMC MANUAL 10-101

24 APRIL 1996

Operations

OTHER SERVICE OTHER WAR RESERVE MATERIAL COMPUTATION SYSTEM (D072)

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This manual tells how to use the Other Service Other War Reserve Material (OWRM) Computation System (D072). This manual does not apply to the Air National Guard or US Air Force Reserve units and members.

SUMMARY OF REVISIONS

These revisions condense and combine directions from the previous AFMCM 57-67. It also changes/updates the output products file IDs.

Chapter 1

GENERAL

1.1. Purpose of the Users Manual. This users manual is designed to provide nonautomatic data processing equipment (ADPE) personnel users with the information needed to effectively use the D072 system.

1.2. Project References:

1.3. Project Directive. Non-Air Force Managed EOQ OWRM Computation System, data Project Directive LOGR-LOR1-D81-134 (D072, 10 March 1982).

1.4. References:

1.4.1. DoDI 3110.6, *War Reserve Materiel Policy*.

1.4.2. AFM 67-1, *USAF Base Supply*, vol 1, part one.

1.4.3. AFI 25-101, *War Reserve Materiel (WRM) Program Guidance and Procedures* (formerly AFR 400-24, *War Reserve Materiel Policy*).

1.5. Responsibilities. AFMC/LGI, the office of primary responsibility (OPR), is responsible for the Air Force logistics function for this system. Other responsibilities are:

1.5.1. Systems Development and Maintenance. HQ AFMC/LGI, MSG/SMR.

1.6. Operating Center. The D072 is operating at a single site, HQ AFMC.

1.7. Terms and Abbreviations.

1.7.1. AAC. Acquisition advice code.

1.7.2. AMD. Average monthly demand.

1.7.3. Budget Code 9. Air Force-used stock fund items that are managed by the Defense Logistics Agency (DLA), General Services Administration (GSA), Army, Navy, and Marine Corps.

1.7.4. C001. (AFEMS) Air Force equipment management system.

1.7.5. DAAS. Defense automatic addressing system (provides demand information to the D072 system).

1.7.6. DLA. Defense Logistics Agency.

1.7.7. DMA. MILSTRAP document identifier for SS submissions between users and wholesalers. It contains 6 months of requirements from the using service.

1.7.8. DMB. Same as DMA except it contains nonrecurring US requirements.

1.7.9. DMC. Same as DMA except it contains nonrecurring allies requirements.

1.7.10. DMD. Same as DMA except it contains return data for repairable items only.

1.7.11. DME. Same as DMA except it contains prepositioned war reserve material.

1.7.12. DO40. War reserve materiel (WRM)/require-ments spares support list (readiness support packages (RSP) and other WRM requirements).

1.7.13. DO43. Master item identification control system (catalog data).

1.7.14. GSA. General Services Administration.

1.7.15. ICP. Inventory control point.

1.7.16. MDS. Mission design series (aircraft).

1.7.17. MILSTRIP. Military standard requisition and issue procedures.

1.7.18. MO24. AUTODIN and on base data transmission interface with data processing systems. Transmits WRM transactions from HQ AFMC to managing ICPs.

1.7.19. NSN. National stock number.

1.7.20. OWRM. Other war reserve materiel items, stocked in anticipation of a war; a 180-day wartime supply of material to be requisitioned when war is declared.

1.7.21. OWRMRP. Other war reserve materiel requirement predictable.

1.7.22. OWRMR. Other war reserve materiel requirement (prestocked).

1.7.23. POWRMRP. Prepositioned other war reserve materiel requirements protectable.

1.7.24. TA. Table of Allowance - two types WRM and non-WRM.

1.7.25. WCDO. War consumable distribution objective (data system designator AFC2S).

1.7.26. WMR. War materiel tequirement (includes prepositioned and prestocked).

1.7.26.1. WRM. War reserve materiel. Materiel required to augment peacetime assets to completely support forces, missions, and activities reflected in the USAF war plans.

1.8. Security and Priv acy. The D072 system contains no classified information or processes.

Chapter 2

SYSTEM SUMMARY

2.1. System Application. The function of D072 is to compute OWRMRs for budget code "9" items. These represent items used by the Air Force but are managed by other DoD services/agencies. Computed Air Force requirements are provided to the non-Air Force ICPs of their DoD services/agencies to include in their budgetary requirements. Items are individually computed by dividing 2 years of peacetime demand by 24 to obtain an AMD. Factors are obtained by comparing six months of peacetime flying hours to six months of wartime flying hours from the budget year (three years in the future). The AMD is multiplied by six wartime factors to provide six monthly figures for the first six months of wartime. After arriving at the six month figures, subtract prepositioned quantity from the first two months. Upon completion of the computation, the transactions are transmitted to the managing ICP. These transactions must reach the managing ICP by 15 February each year.

2.2. System Operation. The system receives stocklist change data from the D043 system (monthly) to update NSN records. The monthly operation also receives D062 demands and applications. D040 does not supply TA data - only WRM prepositioned quantity and RSP (which includes HMPSK) for each application. The M024B system is used for transmission of requirements to the Army, Navy, Marine Corps, and GSA. DLA receives a tape at each applicable site. The system operates quarterly to process Air Force demands received on items managed by the DLA, Army, Navy, Marines, and the GSA. These demands are provided each quarter by the DAAS (on magnetic tape). Prepositioned WRM requirements are received from the D040 system each quarter. The records contain NSN, prepositioned quantity, application data, MDS, TA, and Communication Electronics (CE). C001 produces a file semiannually (end of March/September) of In-Use/Authorized quantities for WRM and non-WRM budget code 9 equipment items. Requirements are computed annually (in January). Individual requirements for each NSN are transmitted by the M024 system to the managing ICPs. The transactions must be received by 15 February annually. A microfiche copy of the completed transactions is sent to HQ AFMC/LGI.

2.3. System Configuration. D072 is processed on the Amdahl computer.

2.4. System Organization. The system contains five master files and eight work unit codes. The system is organized into five files as listed below:

2.4.1. The active item master file contains NSNs with associated stock control data, prepositioned WRM requirements, eight quarters of demand, and three years of DM_ transactions. The item application master file contains NSNs linked to all types of application data such as aircraft MDS, CE, and TAs. The exception master file contains NSNs with associated data from all interfacing systems (except D043) that don't match the existing active or inactive master file. The inactive item master file contains NSNs received as a result of stocklist changes from the D043 system that don't match any other system inputs (i e., demands, application, prepositioned quantities, etc.). The cross-reference master file contains outdated NSNs linked to current NSNs.

2.4.2. The work units are Major Production (MA, AP, OC, JJ, CO, AN), Major Utility, (IT), and Minor Production (RS, QT, TC). The last are used for polished outputs used in major production work units. Work units consist of seven types of transactions for file maintenance which include loading of information from all of the interfacing systems. The computation work unit includes processing all of

the information received from the interfacing systems in order to arrive at the output of transactions to the wholesale managers. The actual computation is accomplished by dividing the 8 quarters of demand (by 24) to arrive at an AMD. The AMD is multiplied by six wartime program factors which results in six months of gross OWRMRs. The interrogation work unit processes inquiries by NSN which include stock control information, item requirements, demand history, allocation information, and miscellaneous data. It processes inquiries by application and by AAC. This work unit also processes ICP inquiries containing NSNs and applications.

2.5. Performance. The system produces OWRMRs computations once a year (January) to provide budgeting information to DLA, GSA, and the other services to support the needs of the Air Force. The system also produces four types of interrogations for management information and error correction.

2.6. Data Base. The system has five master files. The most important files are the active item master and the item application master:

2.6.1. The item application master file relates NSNs to application and in turn to the wartime factor in the computation work unit. The application master receives its information from the D043 system for NSN, interchangeability and substitution (I&S) master NSN, and D040/D062 application data.

2.6.2. The active item master file contains most of the systems information. The interfacing systems and what information they provide are as follows:

2.6.2.1. The NSN and stock control data are provided by the D043 system.

2.6.2.2. The master NSN is provided by the D043 system.

2.6.2.3. RSP requirements are received from the D040 system.

2.6.2.4. TA information is received from the C001 system.

2.6.2.5. Demand history information is received from DAAS.

2.6.2.6. The DMA transactions are computed within the D072 system and then posted to the system.

2.6.2.7. The WCDO data comes from AFC2S.

2.6.2.8. The inactive item master file contains NSNs that don't match on application, demands, or prepositioned WRM quantities.

2.6.2.9. The exception master file contains NSNs that are not matched by any other master file in D072.

2.6.2.10. The cross-reference master file contains obsolete NSNs that are related to current NSNs. This information is built from monthly stocklist changes received from the D043 system.

2.7. General Description of Inputs, Processing, Outputs. The system OPR, located in HQ AFMC/LGI, is responsible for manual file maintenance and interrogation transactions.

2.7.1. Inputs. Manual input transactions are used to change elements of data in the active item master file, for input of the flying hour program data and for interrogating the active item master file and the item application master file.

2.7.1.1. File maintenance to the active item master file (attachment 1) consists of changing the quantities in the transactions. The first and second quarter WRMR quantities and the sustained monthly demand rate can be changed. This transaction is used to correct known errors that are detected during the computation cycle or by the item manager (IM) at the controlling ICP. It corrects only the active item master file. To input these transactions, the system OPR must send them to DISA/WED22 (Keyplus) to be keyed in within 24 hours of the processing date.

2.7.1.2. The flying hour program data (attachment 2) is identified by record code PGM in columns 78-80. The program data contains an MDS and its average monthly peacetime flying hours and six months of wartime flying hours as well as an average of monthly peacetime hours to arrive at a multiplier factor. If the wartime hours are higher than the peacetime hours, i.e., wartime hours 500, peacetime hours 100, the factor (5) is used in the computation. The peacetime demands (24 months) contained in the active item master file are used to obtain an AMD. The AMD is multiplied by each of the six monthly multiplier factors to produce six months of gross wartime requirements. This data is prepared annually in January. To prepare the data, the system OPR must obtain a copy of the wartime and peacetime flying hour program from HQ AFMC/LGI to input the data.

2.7.1.3. Four types of interrogations (attachments 4-7) are processed in this system; stock number, source of supply (SOS), application, and acquisition advice code (AAC). All of the interrogations are processed against the active item master file and the application master file. The stock number reply contains stock control information, requirements data, ICP allocation, demands, miscellaneous information, and applications. It is produced as a listing. The SOS reply contains all items that have requirements (by SOS in NSN sequence). This product contains stock control data, average demands, and application information. It is produced on microfiche. The application reply is in NSN sequence. It contains application, NSN, stock control information, and average demands. The AAC reply contains the AAC, NSN, stock control data, average demands and application data. This reply is produced on microfiche in NSN sequence within AAC. These products are used in error correction, for information purposes or to provide the information needed for higher headquarters, other agencies, or for congressional inquiries. To obtain this product, the system OPR must prepare the proper interrogation format and data input identification and request special processing from DISA/WED22 (Keyplus).

2.7.1.4. Manual change records (attachment 8) are used to change the first quarter, second quarter, and sustained monthly demand periods for the current DMA, first previous DMA, or second previous DMA. One transaction must be prepared for each DMA record to be changed. To process these transactions, the system OPR must prepare the proper format (on an 80-column worksheet) and ask for special processing from DISA/WED22 (Keyplus) before processing the interrogations.

2.7.2. Processing. The system has been set up to run as required monthly, quarterly, semiannually, and annually in order to accept information from interfacing systems and to produce the specified products. When unscheduled products such as interrogations are required, schedule the operation of the system by product control number (PCN) and notify DISA/WED22 (Keyplus) before the processing date.

2.7.3. Outputs:

2.7.3.1. The results of the annual computation are output in DMA and DME format (attachment l). To compute a requirement on a given NSN, a flying hour program transaction that matches that NSNs application must be loaded into the system (attachment 2). These transactions (file label PCIC201CPU) are transmitted to the SOS by the M024 system.

2.7.3.2. Stock Number Replies, PCN: Q-D072-003-IT-2IT (figure 3.9). These replies have detailed information at the NSN level, and are produced as listings.

2.7.3.3. Source of Supply Replies, PCN: Q-D072-003-IT-MIT, part 1 (figure 3.10). The replies are in NSN sequence within SOS; for example, S9C, NSN 1, NSN 2 and NSN 3; S9E, NSN 2, NSN 3. These replies are produced on microfiche.

2.7.3.4. Application Replies, PCN: Q-D072-003-IT-MIT, part 2 (figure 3.11). Replies are listed in NSN sequence within application (for example, B052, NSN 1, NSN 2, and NSN 3, which are produced on microfiche).

2.7.3.5. Acquisition Advice Replies, PCN: Q-D072-001-IT-VIT, part 3 (figure 3.12). Replies are in NSN sequence within AAC (for example, AAC-Y, NSN 2, NSN 4, and NSN 5 which are produced on microfiche).

2.7.3.6. These output products will be used by the mission OPR (LGI).

2.7.3.7. An output product list is shown in attachment 9.

Chapter 3

STAFF FUNCTIONS RELATED TO TECHNICAL OPERATIONS

3.1. Initiation Procedures. The system is run on a scheduled basis to receive inputs from interfacing systems monthly, quarterly, semiannually, and annually. Only the annual process requires input from the system OPR to produce the required transactions. (See paragraphs 2.7.1.2. and 2.7.1.3.) The four interrogation processes (stock number, SOS, application, and acquisition advice) require manual input transactions and notice to the DISA/WED22 (Keyplus) work group supervisor. Figures 3.3 through 3.5 illustrate the information needed to perform interrogations.

3.2. Staff Input Transactions:

3.2.1. Deliver the flying hour program data for each application (figure 3.1) to DISA/WED22 (Keyplus) within 24 hours of the annual computation process (January). Interrogation transactions are caused by known errors which need corrections or that are requested from higher headquarters and other agencies.

3.2.2. Notify DISA/WED22 (Keyplus) to request for special processing (interrogations). Interrogations are processed as the need arises.

3.2.3. The system OPR in the General Support Division of the Air Force Stock Fund originates the input transaction and interrogations.

3.3. Input Formats:

3.3.1. The Flying Hour/Operating Program Record (figure 3.1) has the following types of application information: aircraft, missiles, CE equipment, engines, guns, support equipment, and WRM TAs. The system currently uses flying hour by mission design (MD) in the actual computation. The application for aircraft consists of seven positions - the first position is an alpha code or blank for modified mission. The second and third positions are alpha codes to identify the mission. Positions four through six are numerical denoting the design. The seventh position is an alpha or blank denoting the series. The first line in figure 3.1 illustrates the current configuration of the system which accepts only MD (e.g., BO52) for computational purposes.

3.3.2. The SOS interrogation record (figure 3.2) contains a record code (constant 1) and SOS which is a three-position MILSTRIP routing identifier code.

3.3.3. The application interrogation record (figure 3.3) contains a record code (constant 2) and an application number. Aircraft and missiles application numbers begin in column 2 and end in column 8. Column 5 through column 7 are for design (zero filled numerics). Column 8 contains series (alpha). Other applications (such as NSN) begin in column 2 extending to column 13.

3.3.4. The stock number interrogation record (figure 3.4) contains a record code (constant 3) and a national item identification number (NIIN).

3.3.5. The acquisition advice interrogation record (figure 3.5) contains a record code (constant 4).

3.3.6. The manual change record (figure 3.6) contains a record code, DMA quantities, month/year, and unit of issue. It returns a microfiche report of nearly every entry in the active master (approximately one million items).

3.4. Composition Rules:

3.4.1. The four types of interrogations can't exceed 200 lines.

3.4.2. Each input line can have a maximum of 80 characters.

3.4.3. All items must be right justified.

3.5. Input Vocabulary. Prepare all input transaction on an 80-column worksheet (AF Form 1530, Punch Card Transcript). Send it to the DISA/WED22 (Keyplus) work group supervisor. The transactions must have an AFMC Form 381, Batch Control - Product Routing - Disposition (figure 3.7), attached. All of the interrogations are input as work unit IT, PCN Q-D072-003-lT-2IT. The flying hour operating program record is input 15 January each year using PCN Q-D072.C02-ZCl.

3.6. Output Requirements:

3.6.1. Purpose. The DM_ Transaction Report PCN Q-D072.002-CO-VC1 contains a record of the OWRMRs transactions that are transmitted to the managing ICP of the Army, Navy, Marine Corps, DLA, and GSA. The interrogation transactions are processed when there are questions requiring detailed information concerning NSN, application, and SOS. Requests can originate from the other services, agencies, or higher headquarters.

3.6.2. Time. The DM_Transactions Report is produced each year in January. The interrogation reports are produced randomly, when required.

3.6.3. Medium. All of the output products are produced on microfiche except for the stock number interrogation which is a printed listing.

3.6.4. Location. Output products are received from the Operations Center, I/O Distribution (DMC/ WED21).

3.7. Output Formats:

3.7.1. PCN Q-D072-002-IT-VIT (Figure 3.8). The stock number interrogation reply is formatted as follows:

3.7.1.1. Header. The header contains the PCN, the title of the report, the date, and page number.

3.7.2. Body:

3.7.2.1. Line One. Contains stock control data including actual stock number, master stock number, SOS, AAC, ERRC code, budget code, unit of issue, unit price decimal locator, unit price, shelf life code, security code, procurement method code, mission essentiality code, and I&S code.

3.7.2.2. Line Two. Contains item requirements and includes current DMA requirements for the first and second quarter as well as the sustained monthly demand. It also has the same information for the first and second previous years.

3.7.2.3. Line Three. Contains prepositioned WRMRs and includes RSP, TA, and WCDO.

3.7.2.4. Line Four. Contains WCDO requirements in 30 day increments (1-30, 31-60, 61-90), D-day 1-4 quantities. The D-day 1 quantity relates to the current year; D-day 2-4 relates to the second through fourth out-year quantities.

3.7.2.5. Line Five. Contains the ICP allocations, the total WMR for the current year, and the total OWRMR and the deficiency (all in dollars). It also has the same information for the previous allocation report. It contains WCDO requirements in 30 day increments (1-30, 31-60, 61-90), D-Day 1-4 quarters. The D-Day 1 quantity relates to the current year. D-Day 2-4 relates to second through fourth year quantities.

3.7.2.6. Line Six. Contains demand history, and includes total Air Force demands from the current quarter through eight previous quarters. It also contains the date of the most current demand posting and the date of the oldest demand by year and quarter.

3.7.2.7. Line Seven. Contains miscellaneous data and TA quantities that aren't WRM, the one-digit ALC for the residual item management activity, and the date the record was established (year/month). This line also contains application data including application numbers, quantity per aircraft, freeze code, mission essentiality code, next higher assembly code, substitution code, type code, and site code. The report is in NIIN sequence and produced as a printed listing.

3.7.3. PCN Q-D072-003-IT-2IT, Part 1 (Figure 3.9). The SOS interrogation reply is formatted as follows:

3.7.3.1. Header. The header contains the PCN, "Interrogation Replies," the date, and page number on the first line "Part 1 SOS" and a three digit routing identifier code on the second line.

3.7.3.2. Body. The body contains item data which include the actual stock number master stock number, SOS, AAC, ERRC code, unit of issue, and AMD. It also contains application data including application numbers per aircraft, freeze code, mission essentiality code, next higher assembly code, substitution code, type code, and site code. The report is in stock number sequence with SOS and is produced on microfiche.

3.7.4. PCN Q-D072-003-IT-MIT, Part 2 (Figure 3.10). The application interrogation reply is formatted as follows:

3.7.4.1. Header. The header contains the PCN, "Interrogation Replies" date and page number.

3.7.4.2. Body. The body contains item data which include the actual stock number, master stock number, SOS, AAC, ERRC, unit of issue, and AMDs. The report is produced on microfiche and is in stock number sequence within application.

3.7.5. PCN Q-D072-003-IT-MIT, Part 3 (Figure 3.11). The AAC Interrogation Reply contains AACs, F<H<IMJ<K<V<X< and Y and it's formatted as follows:

3.7.5.1. Header. The header contains the PCN "Interrogation Replies" the date and page number. Line two contains "part three" and AAC.

3.7.5.2. Body. The body contains item data and application data. Within the item field are the actual stock number, the master stock number, SOS, AAC ERRC code, unit of issue, preposition quantities (PPQ), application numbers, quantity per aircraft, freeze code, mission essentiality code, next higher assembly code, substitutability code, type code, and site code. The report is stock number sequence within AAC and is produced on microfiche.

3.8. Sample Outputs:

3.8.1. PCN Q-D072-002-IT-VIT (Figure 3.8). The stock number reply contains information extracted from the active item master file and the application master file. The output contains an

image of the information in these master records. If data are missing in the master records, the missing data are shown under the applicable heading as blanks. This output product relates to the stock number interrogation input shown in figure 3.4.

3.8.2. PCN Q-D072-003-IT-2IT, Part 1 (Figure 3.9). The SOS interrogation reply contains application information from the application master file and stock control information from the active item master file. Missing data are shown as blanks. The product relates to the SOS input transactions shown in figure 3.2.

3.8.3. PCN Q-D072-003-IT-MIT, Part 2 (Figure 3.10). The application interrogation reply contains information from the application master file and the active item master file. Missing data are shown as blanks. This product relates to the application interrogation input transaction, figure 3.3.

3.8.4. PCN Q-D072-003-IT-MIT, Part 3 (Figure 3.11). The AAC interrogation officially contains information extracted from the application master file. Missing data are shown as blanks. This product relates to the AAC interrogation input as shown in figure 3.5.

3.8.5. An Interrogation Data For Review (PCN Q-D072-001-IT-VIT (Figure 3.12). This product is output each time interrogations are processed. For each interrogation it produces an item count or a zero if no match occurs.

3.9. Utilization of System Outputs:

3.9.1. Data for Review Notices. Three distinct data for review notices are automatically output during DO72 runs. These notices provide statistical information and help find errors within various processing cycles.

3.9.2. Interrogation Outputs. The interrogation output products provide specific information to the system OPR. They are used for budget information, general stock control information, and item application information, when required locally, for higher headquarters, or by other agencies.

3.9.3. Production Products. The DM_Transactions are transmitted each year in January to the managing ICPs. These transactions provide Air Force requirements to non-Air Force managing activities.

3.9.4. Recovery and Error Correction Procedures. The computation data for review (figure 3.13) and the file maintenance data for review (figure 3.14) notices are used for statistical purposes and detecting errors during processing cycles. The computation data review notices give counts on the various types of items loaded into the system such as, the number of applications with matching flying hour programs (by MDS) and a count of items with demand, flying hour programs, and prepositioned WRM. The file maintenance data for review provides counts on the items input from interfacing systems and by manual file maintenance. These counts include WRM application (WAP from D040), demands from D062 demands from DAAS (DAS), WCDO, and miscellaneous application (MAP). Corrections will be made after the computation by file maintaining requirement quantities (see attachment 8 and figure 3.6) or by rerunning the system.

Figure 3.1. Flying Hours/Operating Program Record.

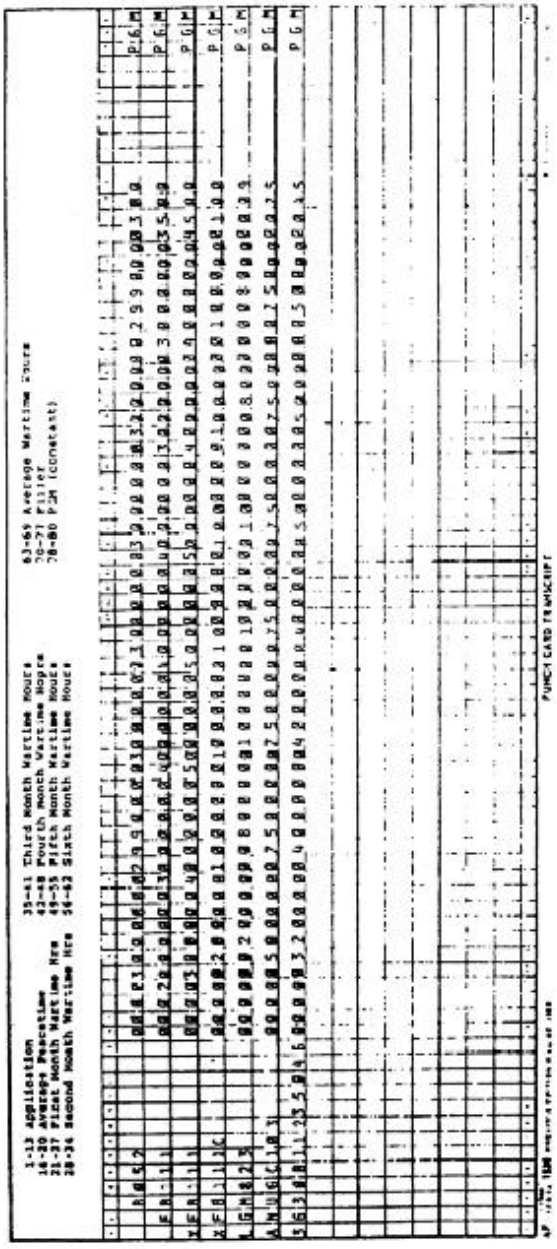


Figure 3.2. Source of Supply Interrogation Record.

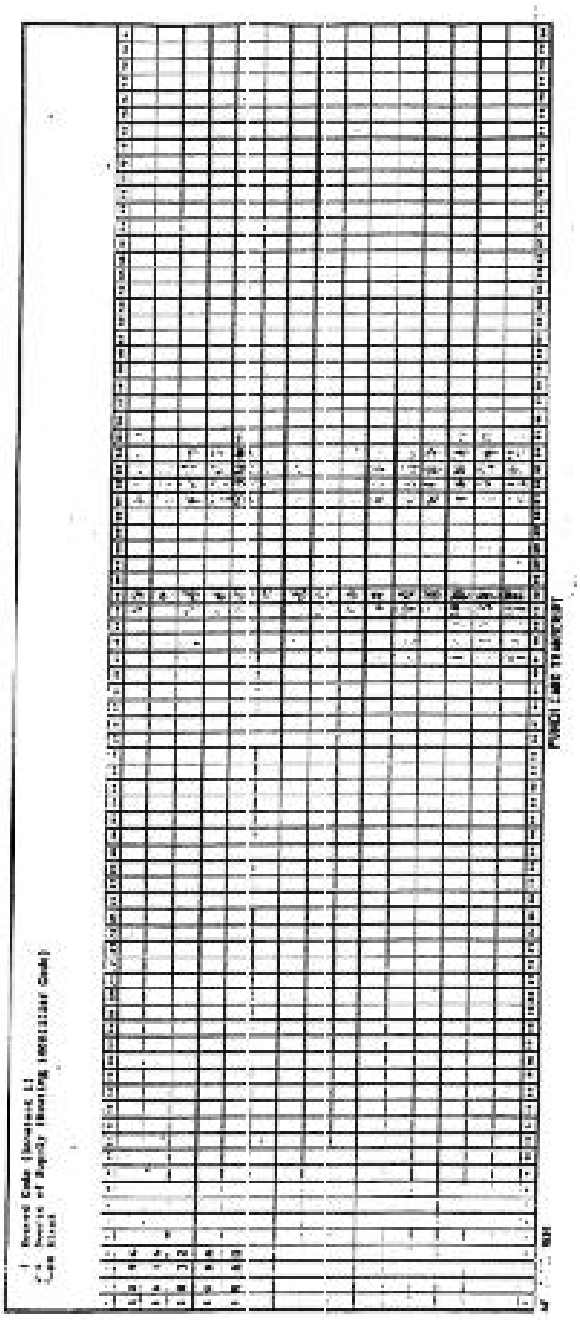


Figure 3.3. Application Interrogation Record.

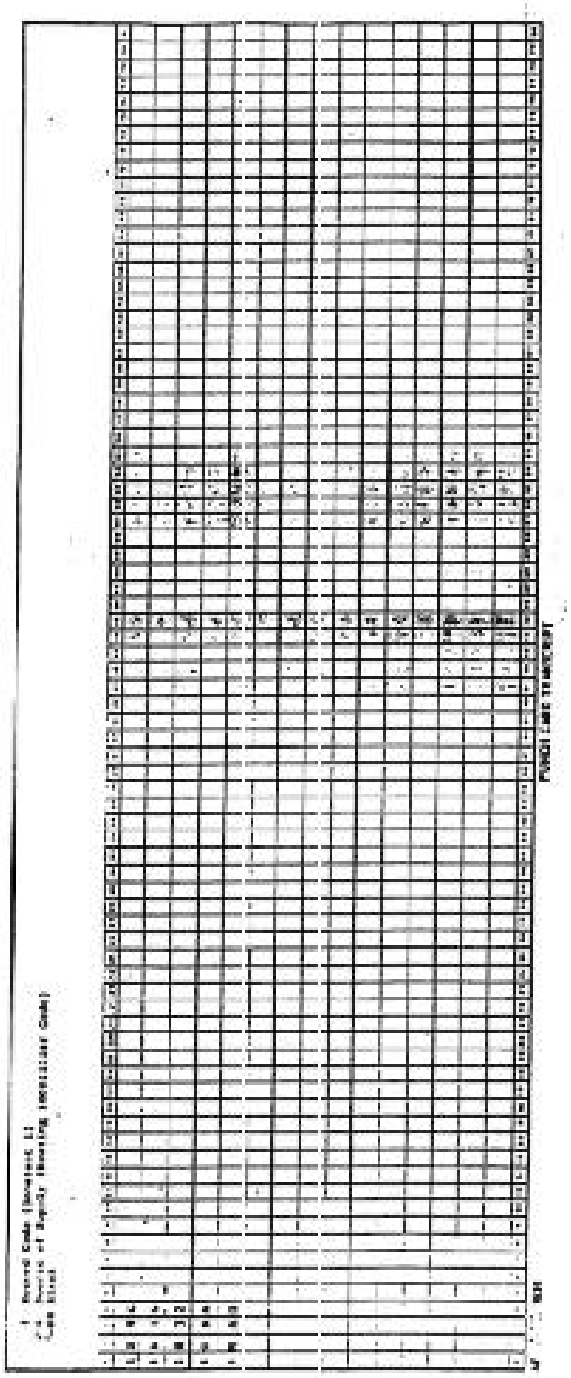


Figure 3.4. Stock Number Interrogation Record.

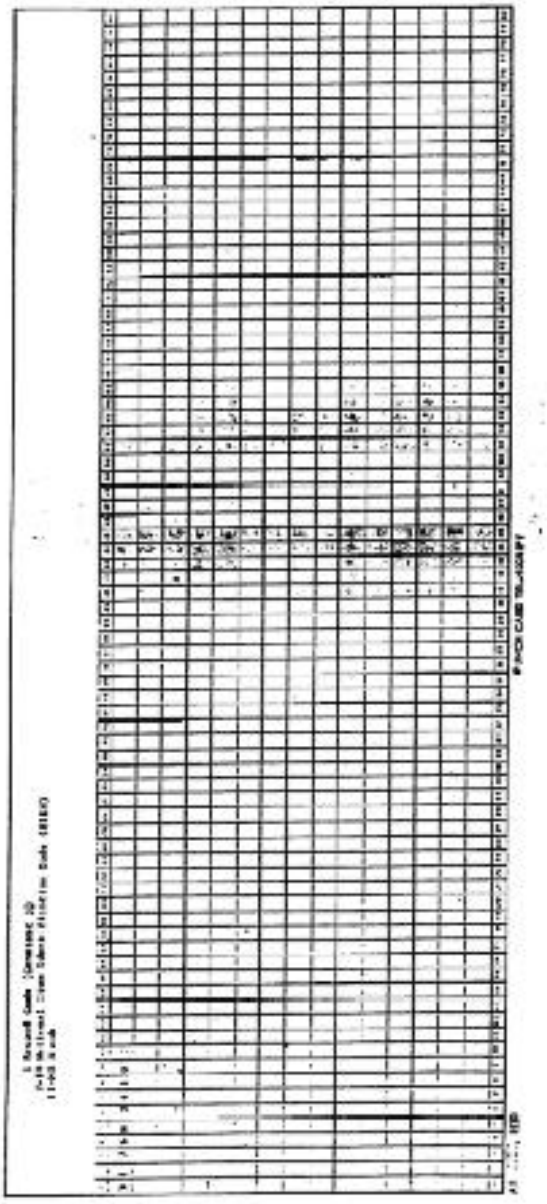


Figure 3.5. Acquisition Advice Interrogation Record.

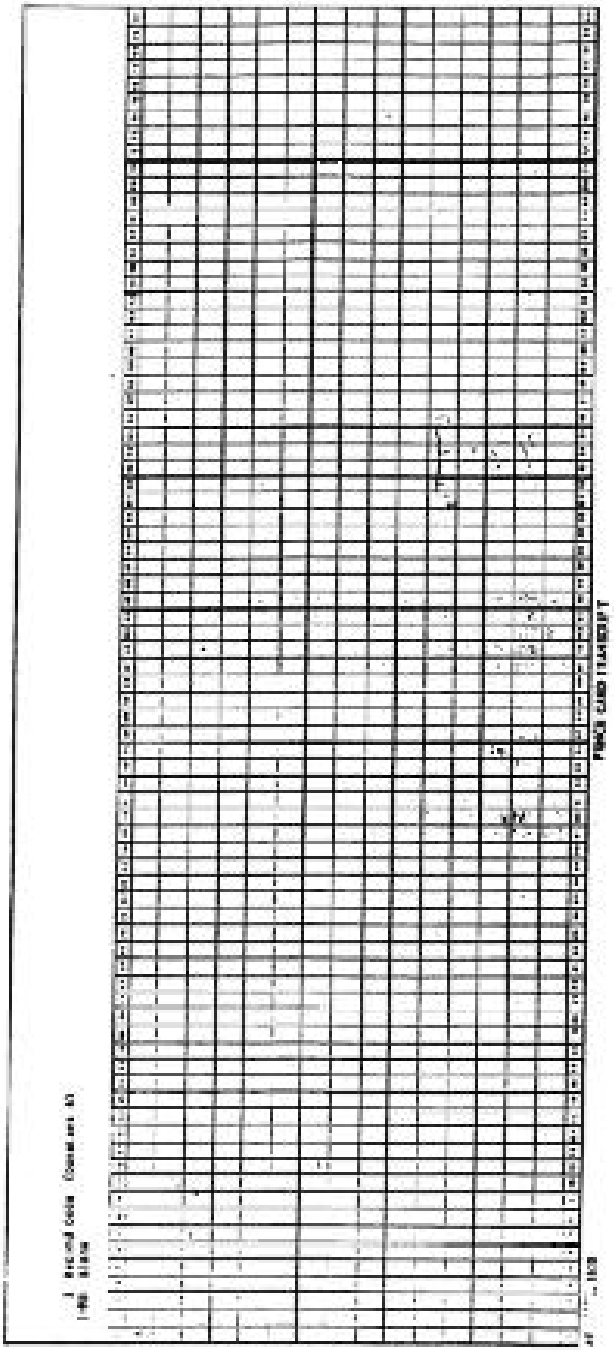


Figure 3.6. Manual Change Record.

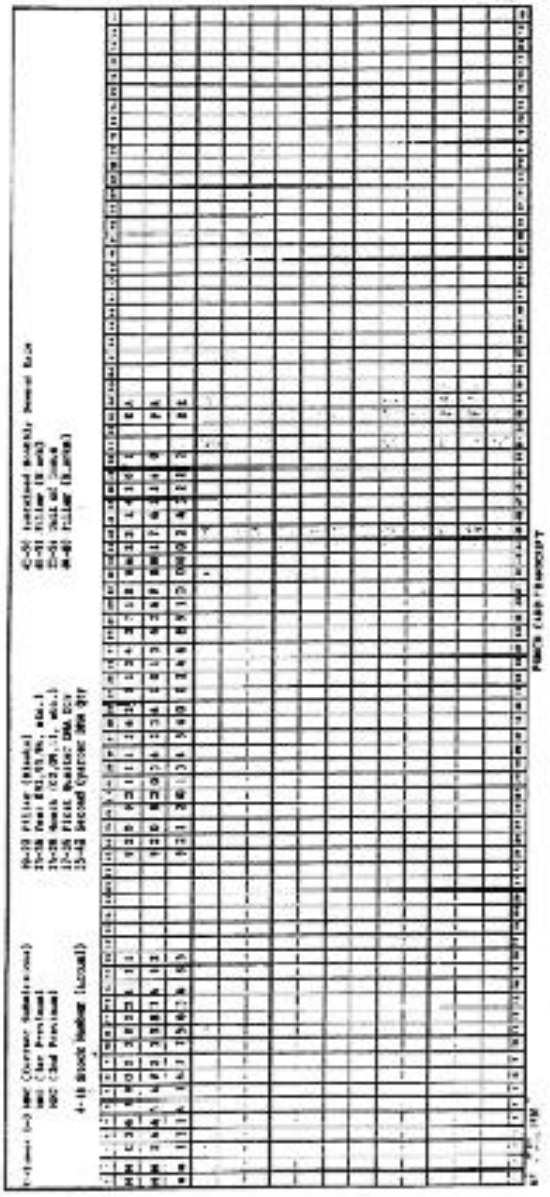


Figure 3.7. Batch Control - Product Routing - Disposition.

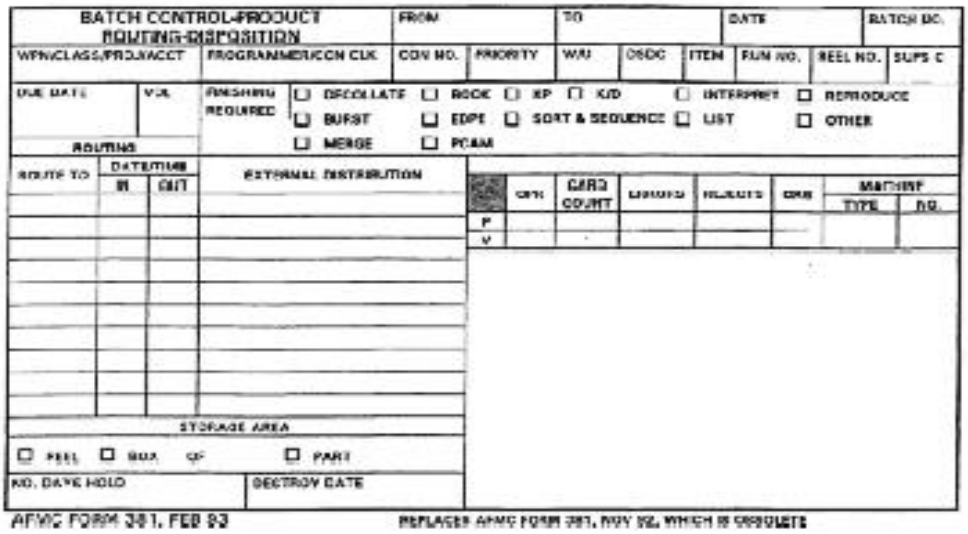
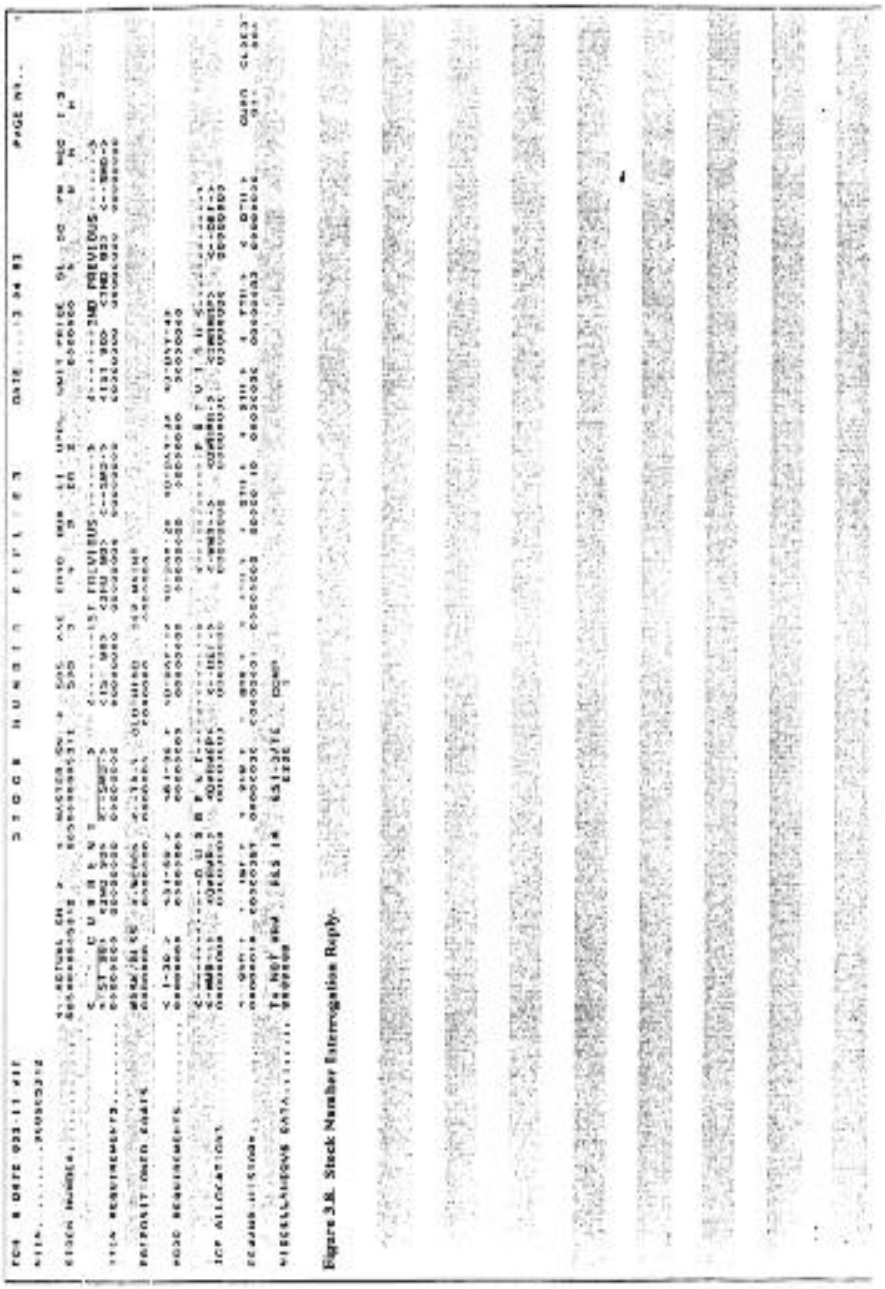


Figure 3.8. Stock Number Interrogation Reply.



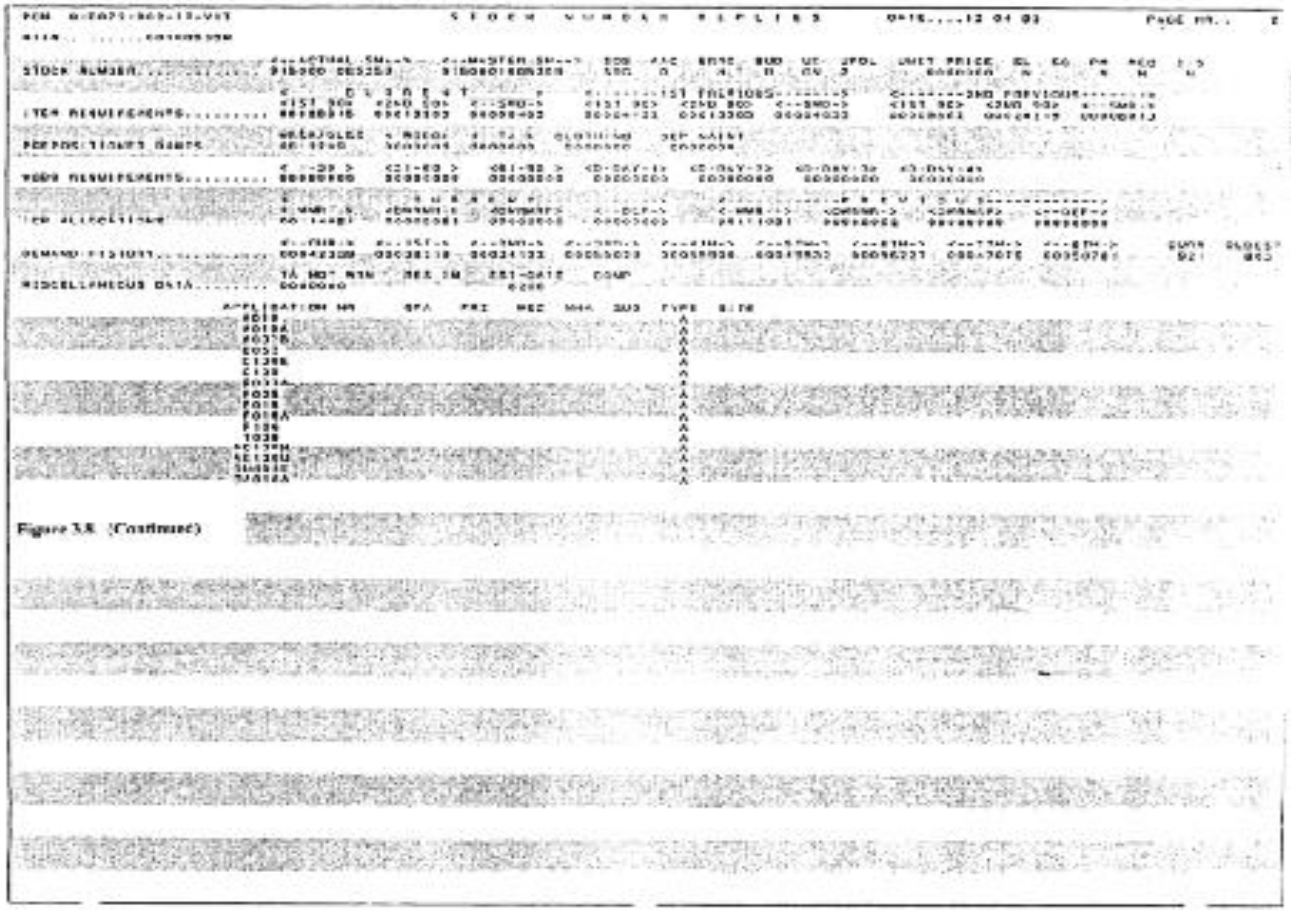


Figure 3.8 (Continued)

Figure 3.9. Source of Supply Interrogation Reply.

Figure 3.10. Application Interrogation Reply.

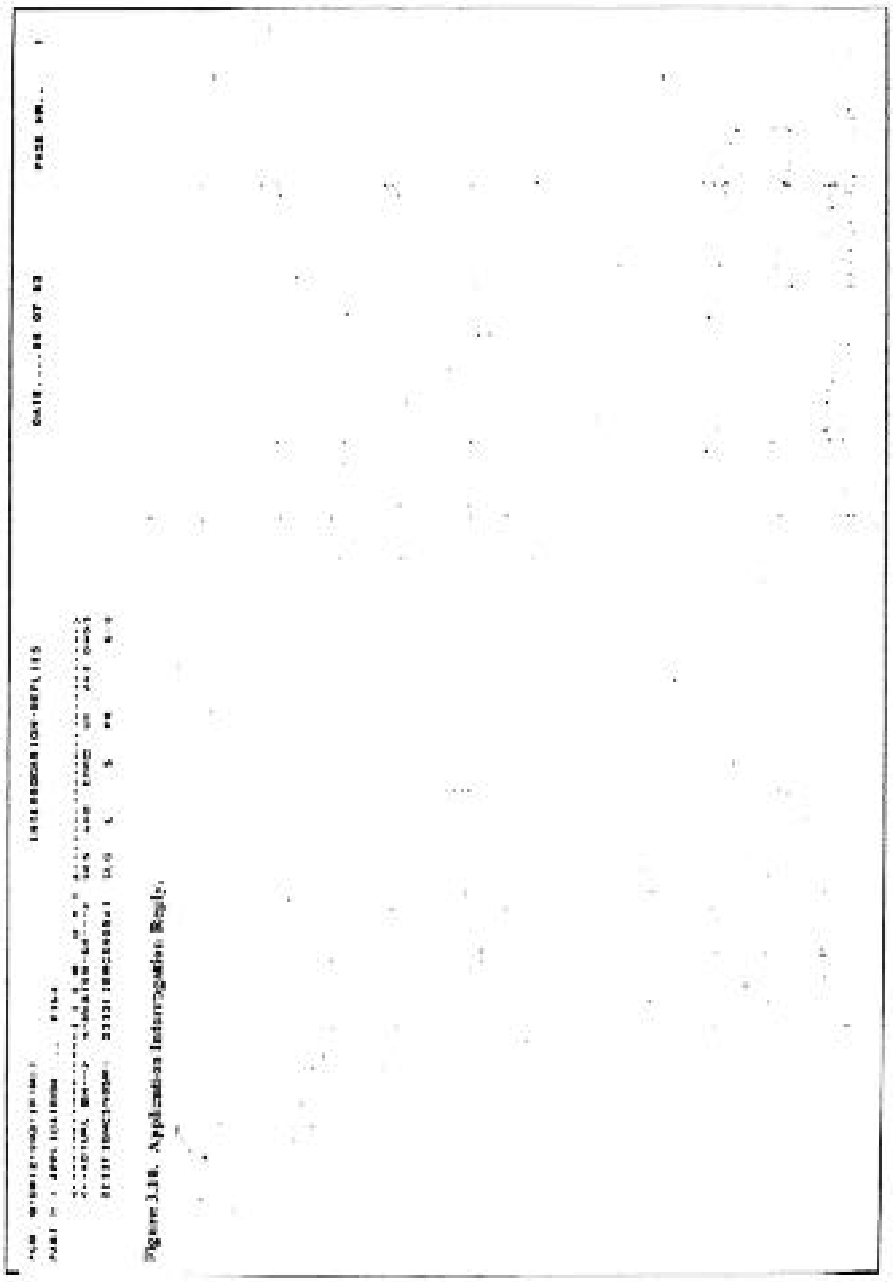


Figure 3.11. AAC Interrogation Reply.

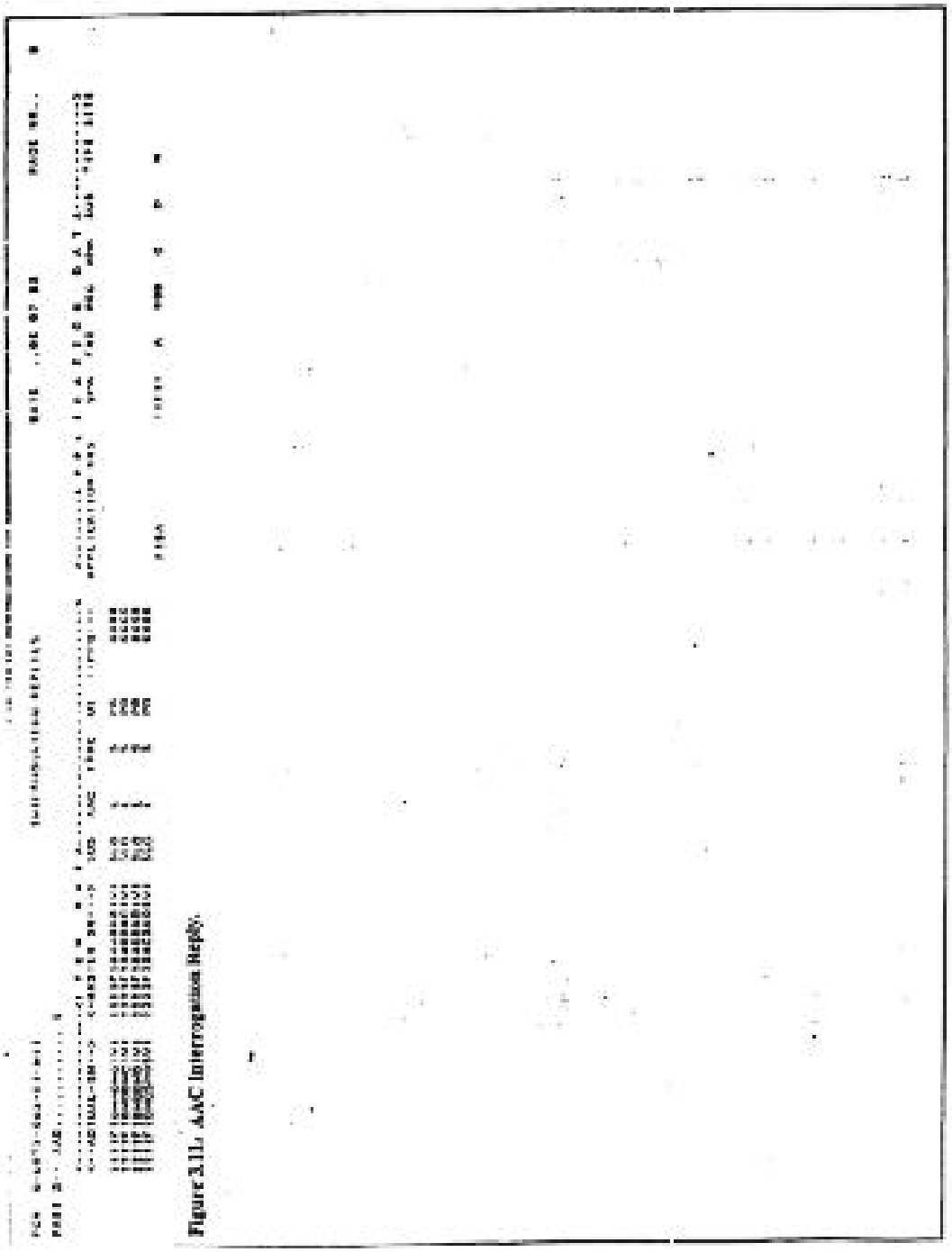


Figure 3.12. Interrogation Data for Review.

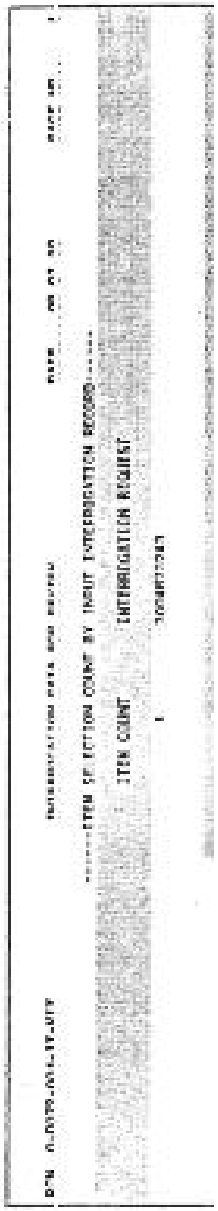


Figure 3.13. Computation Data for Review.

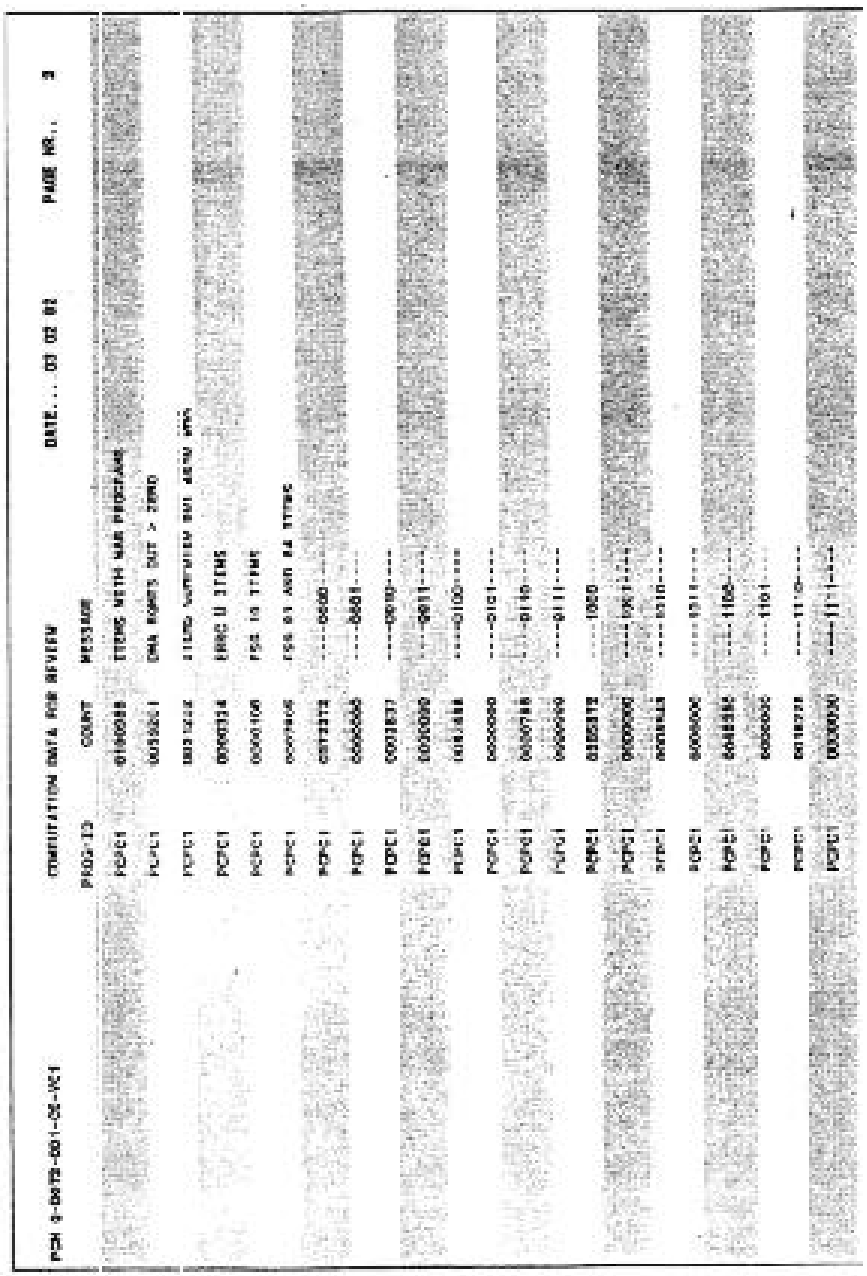


Figure 3.13. (Continued)

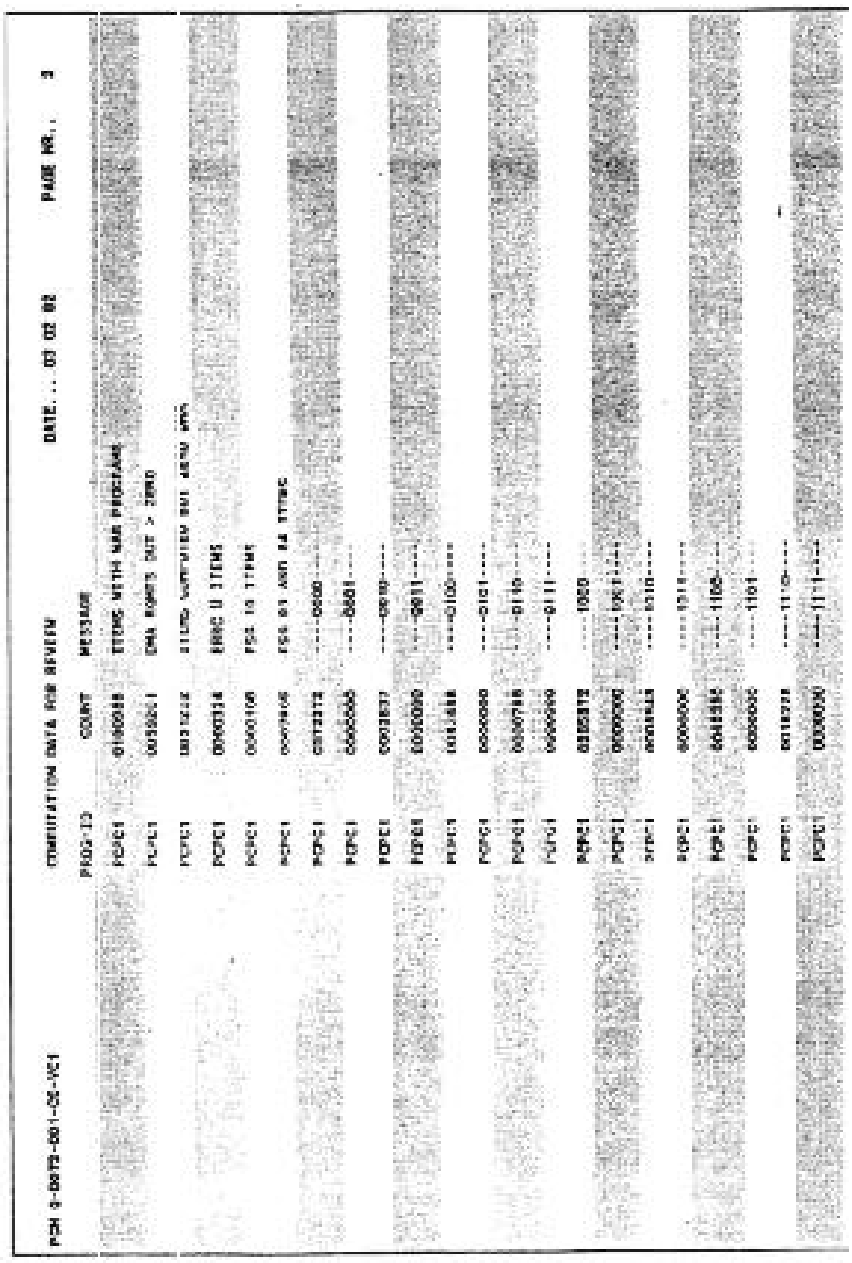


Figure 3.13. (Continued)

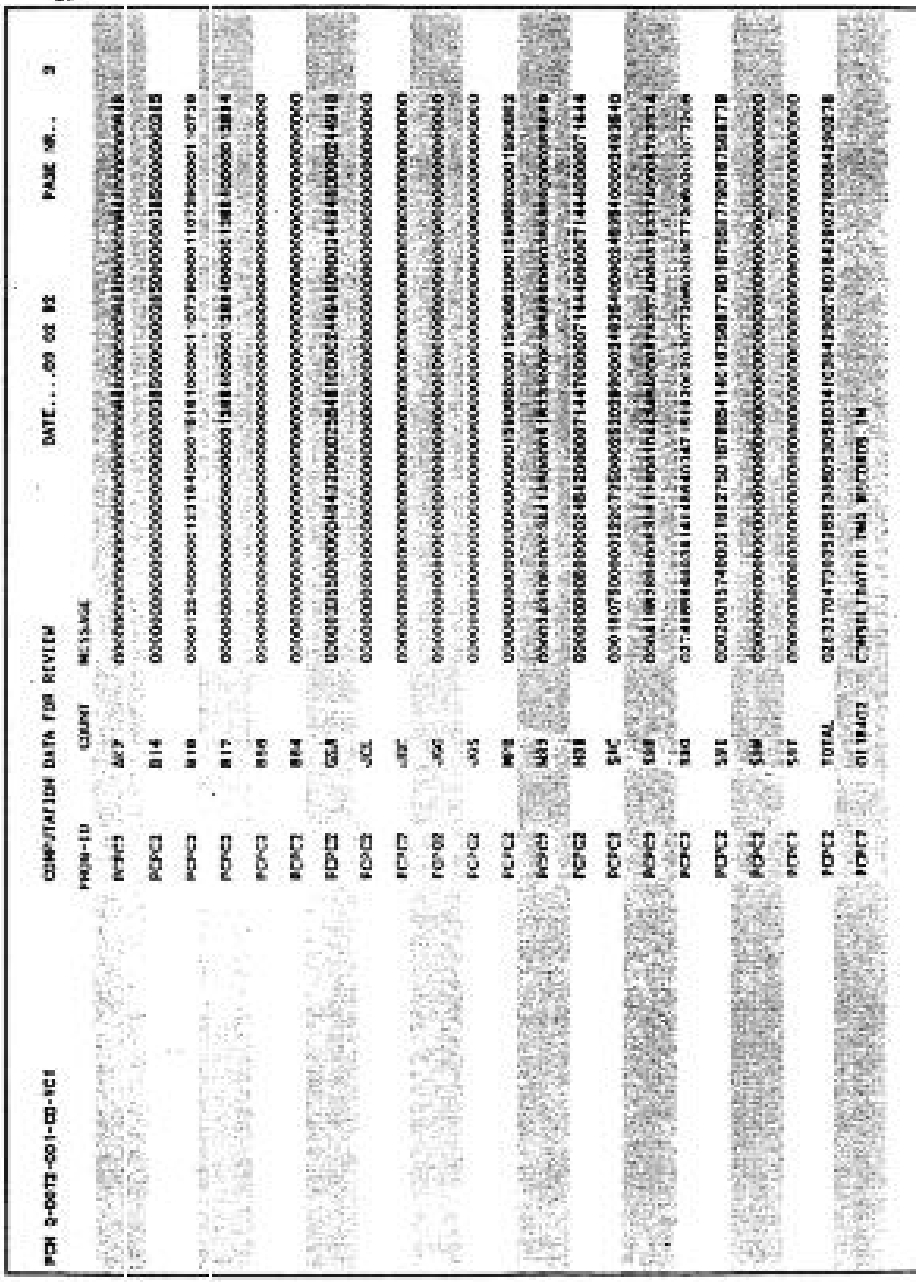


Figure 3.13. (Continued)

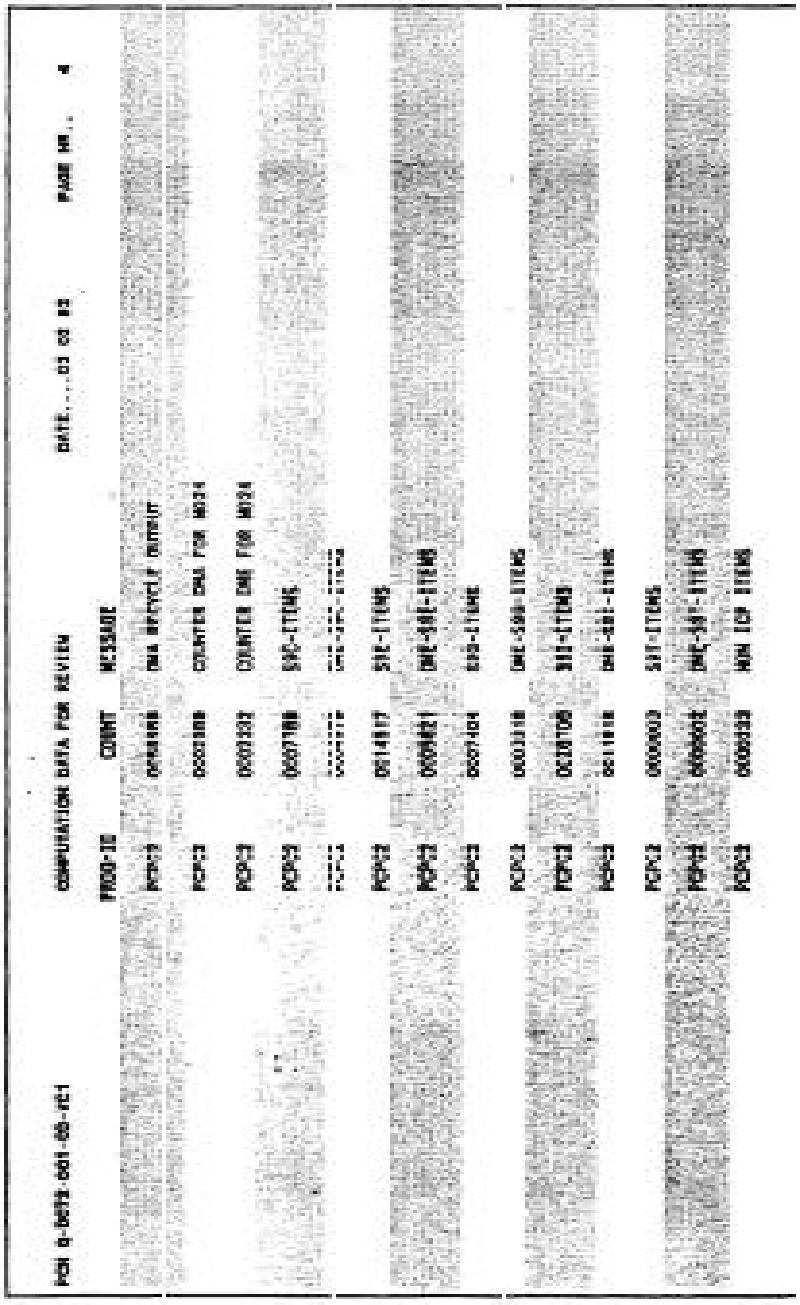
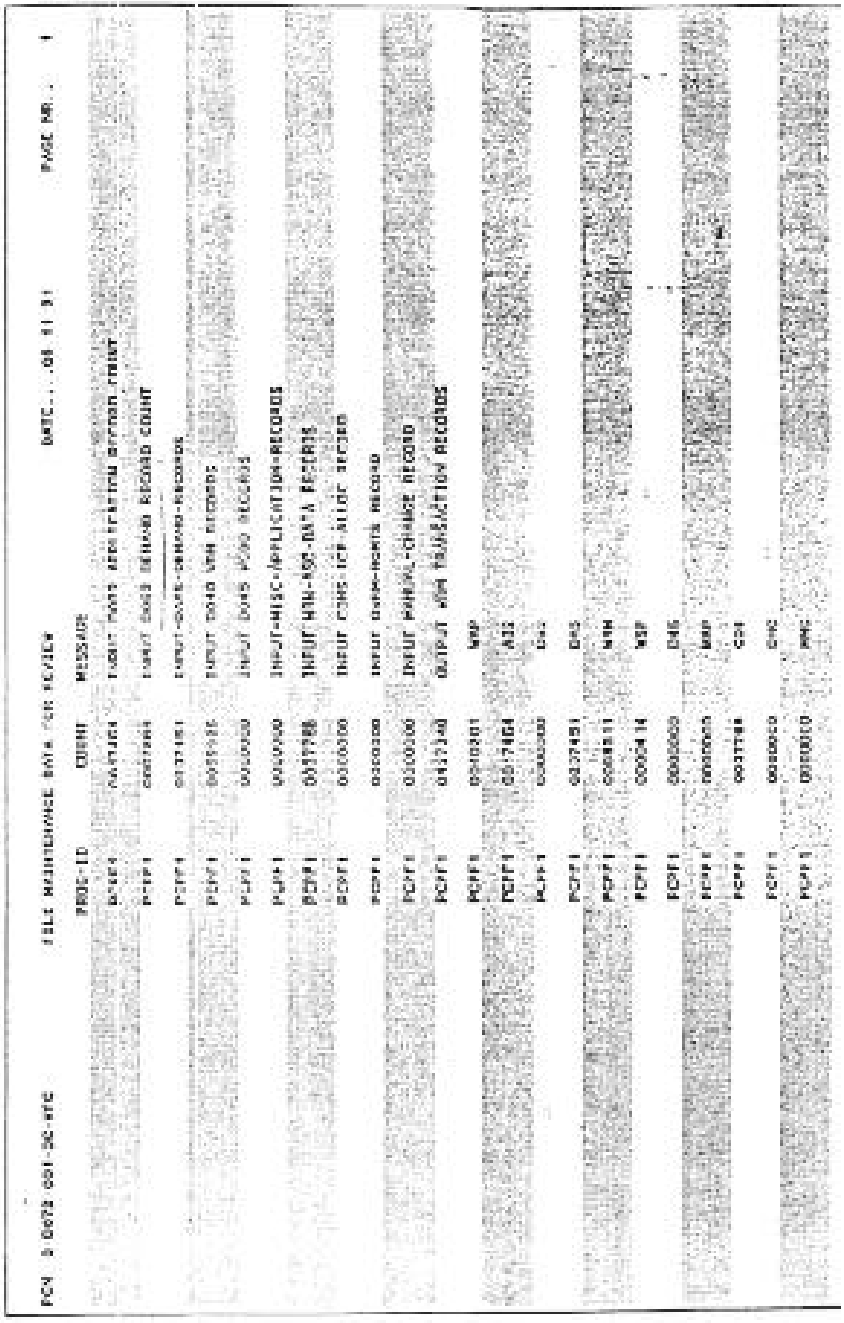


Figure 3.13. (Continued)



Chapter 4

FILE QUERY PROCEDURES

4.1. System Query Capabilities. The query capabilities for this system are as follows:

Query	Format
Stock numbers of items and SS quantities by SOS	1
Number of items by NSN within a specific application code (e.g., B52)	2
Listing by individual stock number includes stock control information, application data	3
Stock numbers, stock control information, and application data in AAC sequence (for AACs, F, H, I, J, L, V, X,and Y only)	4

4.2. Data Base Format. The content of the four types of queries is in paragraphs 3.3.1 through 3.3.6. Examples of the formats of query responses are in figures 3.8 through 3.11.

4.3. Query Preparation. Instructions for preparation of the various inquiries are in attachments 3 through 6. Examples of the completed AF Form 1530 are in figures 3.2 through 3.5.

4.4. Control Instructions. The system operation for control purposes depends on the PCN. Complete and submit the AFMC Form 381 (figure 3.7) with the input transactions (contains the PCN). A list of the inquiry PCNs is in paragraph 3.7, Output Formats.

THOMAS W. BATTERMAN
Deputy Director, Directorate of Logistics

Attachment 1

FORMAT OF MANUAL CHANGE RECORD

Item Name	Record Positions	Kind of Data
Record Code	1-3	Alpha Numeric (current quarter = MMC, first previous quarter = MMI, second previous quarter = MM2
NSN	4-18	Numeric
Filler	19-22	Blank
Year (of input)	23-24	Numeric
Month (of input)	25-26	Numeric
First Quarter DMA Quantity	27-34	Numeric
Second Quarter DMA Quantity	35-42	Numeric
Sustained Monthly Demand	43-50	Numeric
Filler	51-52	Blank
Unit of Issue	53-54	Alpha
Filler	55-80	Blank

Attachment 2

FORMAT OF FLYING HOUR PROGRAM INPUTS

Item Name	Record Positions	Kind of Data
Application Codes	1-13	Alpha Numeric (Aircraft MDS, Missile Codes, Communication Equipment, etc.)
Average Monthly Peacetime Hours	14-20	Numeric
First Month Wartime Hours	21-27	Blank
Second Month Wartime Hours	28-34	Numeric
Third Month Wartime Hours	35-41	Numeric
Fourth Month Wartime Hours	42-48	Numeric
Fifth Month Wartime Hours	49-55	Numeric
Sixth Month Wartime Hours	56-62	Numeric
Average Monthly Wartime Hours	63-69	Blank
Filler	70-77	Alpha
Record Code	78-80	Blank

Attachment 3

FORMAT OF INTERROGATION FOR SOURCE OF SUPPLY RECORD

Item Name	Record Positions	Kind of Data
Record Codes	1	Numeric (Constant 1)
Routing Identifier Code	2-4	Alpha-Numeric

Attachment 4

FORMAT OF INTERROGATION FOR APPLICATION RECORD

Item Name	Record Positions	Kind of Data
Record Codes	1	Numeric (Constant 2)
Application Code	2-16	Alpha-Numeric

Attachment 5

FORMAT OF INTERROGATION FOR STOCK NUMBER RECORD

Item Name	Record Positions	Kind of Data
Record Codes	1	Numeric (Constant 3)
National Item Identification Number (NIIN)	2-10	Numeric

Attachment 6

FORMAT OF INTERROGATION FOR ACQUISITION ADVICE CODE RECORD (AAC-F, H, I, J, K, L, V, X, AND Y)

Item Name	Record Positions	Kind of Data
Record Codes	1	Numeric (Constant 4)

Attachment 7

FORMAT OF DM_ TRANSACTIONS

Item Name	Record Positions	Kind of Data
Document Identifier	1-3	Alpha DM____*
Routing Identifier	4-6	Alpha-Numeric
Transaction Serial Number, Number of Transmissions Applicable to This NSN and Document Identifier (Normally 1)	7	Numeric
NSN	8-20	Numeric
Unit Of Issue	21-22	Alpha
First Month Requirement	23-30	Numeric
Second Month Requirement	31-38	Numeric
Third Month Requirement	39-46	Numeric
Fourth Month Requirement	47-54	Numeric
Fifth Month Requirement	55-62	Numeric
Sixth Month Requirement	63-70	Numeric
Filler	71	Blank
Total Transactions (All DICs) for this NSN	72-73	Numeric
Routing Identifier From	74-76	Alpha (Constant FNW)
Julian Date	77-80	Numeric (year and Julian Day)

*DMA = Recurring U.S. Requirements (reflect monthly quantitative data cc 23-70).

DMB = Non-Recurring U.S. Requirements (reflect monthly quantitative data cc 23-70).

DMC = Non-Recurring Allies Requirements (reflect monthly quantitative data cc 23-70).

DMD = Return data, applicable to reparable items only (reflect quantitative data cc 23-70).

**DME = Prepositioned visibility date (reflect requirement in cc 23-30; on hand/on order in cc 31-38).

Attachment 8

OUTPUT PRODUCTS LIST

File ID/PCN/RCS	Full Title	Media	Class	Freq	As of Date	Due Date	Copies	On/Offbase Recipients
Q-D072-002-IT-VIT	Stock Number Replies	List	U	AR	N/A	2WD	1	HQ AFMC/LGII
Q-D072-001IT-VIT	Interrogation Data Review	List	U	AR	N/A	2WD	2	HQ AFMC/LGII & MSG/SMRR
Q-D072-003-IT-2IT	Interrogation Replies	Fiche	U	AR	N/A	15WD	1	HQ AFMC/LGII
Q-D072-001-PM-MP1	POM Report	Fiche	U	A	15 Oct	15WD	1	HQ AFMC/LGII
Q-D072-002-PM-VC1	ICP Transactions Report	List	U	A	15 Jan	15WD	1	HQ AFMC/LGII
Q-D072-001-CO-VC1	COMP Data for Review	List	U	A	15 Jan	2WD	2	HQ AFMC/LGII & MSG/SMRR
Q-D072-001-JJ*-VFJ**	FM Data for Review	List	U	M	15th monthly	2WD	2	HQ AFMC/LGII & MSG/SMRR
PIC201CPU	DMA for ICP File	Tape	U	A	15 Jan	15WD	9	Via AUTODIN (1) GSA (1) ARMY (1) NAVY (1) MARINES (5) DLA

*Work unit depends on the procedure run. The different work units are JJ, OC, MA, AP, AR, AS, and .

**Job relationship for above work units is FJ, FC, FA, FS, and FN, respectively.